

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-27 (Canceled)

28. (NEW) In an aerosol spray apparatus, for applying an anti-microbial agent to a surface to be disinfected, comprising an aerosol spray nozzle coupled to a first container comprising a gas propellant and second container for containing a liquid disinfectant composition able to be sprayed from the apparatus, said aerosol apparatus being configured for dispensing said disinfectant composition through said spray nozzle, the improvement wherein the liquid disinfectant composition is a liquid flash-dry disinfectant composition comprising 10 to 30% by volume of said anti-microbial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

29. (NEW) An aerosol apparatus as defined in claim 28 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

30. (NEW) An aerosol apparatus as defined in claim 28 wherein said anti-microbial agent comprises hydrogen peroxide.

31. (NEW) An aerosol apparatus as defined in claim 28 wherein said flash vaporization component comprises ethanol.

32. (NEW) An anti-microbial agent to be applied to a surface to be disinfected, comprising 10 to 30% by volume of an anti-microbial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being capable of, once the flash-dry disinfectant composition is sprayed from an apparatus, to flash vaporize, said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

33. (NEW) An agent as defined in claim 32 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

34. (NEW) An agent as defined in claim 32 wherein said anti-microbial agent comprises hydrogen peroxide.

35. (NEW) An agent as defined in claim 32 wherein said flash vaporization component comprises ethanol.

36. (NEW) In an aerosol spray apparatus, for applying an anti-microbial agent to a surface to be disinfected, comprising an aerosol spray nozzle coupled to a first container comprising a gas propellant and second container for containing a liquid disinfectant composition able to be sprayed from the apparatus, said aerosol apparatus being configured for dispensing said disinfectant composition through said spray nozzle, the improvement wherein the liquid disinfectant composition is a liquid flash-dry disinfectant composition comprising 3 to 30% by volume of said anti-microbial agent, 30 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

b1

37. (NEW) An aerosol apparatus as defined in claim 36 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

38. (NEW) An aerosol apparatus as defined in claim 36 wherein said anti-microbial agent comprises hydrogen peroxide.

39. (NEW) An aerosol apparatus as defined in claim 36 wherein said flash vaporization component comprises ethanol.

40. (NEW) An anti-microbial agent to be applied to a surface to be disinfected, comprising 3 to 30% by volume of said anti-microbial agent, 30 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from an apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

41. (NEW) An agent as defined in claim 40 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

42. (NEW) An aerosol apparatus as defined in claim 40 wherein said anti-microbial agent comprises hydrogen peroxide.

43. (NEW) An aerosol apparatus as defined in claim 40 wherein said flash vaporization component comprises ethanol.

09/770,518

44. (NEW) In an aerosol spray apparatus, for applying an anti-microbial agent to a surface to be disinfected, comprising an aerosol spray nozzle coupled to a first container comprising a gas propellant and second container for containing a liquid disinfectant composition able to be sprayed from the apparatus, said aerosol apparatus being configured for dispensing said disinfectant composition through said spray nozzle, the improvement wherein the liquid disinfectant composition is a liquid flash-dry disinfectant composition comprising 3 to 30% by volume of said anti-microbial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action, wherein said liquid flash-dry disinfectant composition is substantially free of a surfactant.

45. (NEW) An aerosol apparatus as defined in claim 44 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

46. (NEW) An aerosol apparatus as defined in claim 44 wherein said anti-microbial agent comprises hydrogen peroxide.

47. (NEW) An aerosol apparatus as defined in claim 44 wherein said flash vaporization component comprises ethanol.

48. (NEW) An anti-microbial agent to be applied to a surface to be disinfected, comprising 3 to 30% by volume of said anti-microbial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from an apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action, wherein said liquid flash-dry disinfectant composition is substantially free of a surfactant.

49. (NEW) An agent as defined in claim 48 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

50. (NEW) An aerosol apparatus as defined in claim 48 wherein said anti-microbial agent comprises hydrogen peroxide.

51. (NEW) An aerosol apparatus as defined in claim 48 wherein said flash vaporization component comprises ethanol.